

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-12 (Cancelled).

13. (Previously presented) A golf club head comprising outer shell structure portions including a hosel portion, a face portion, a sole portion, a crown portion, and a side portion; and a joining portion where a crown member used in the crown portion is bonded to a member used in another outer shell structure portion, wherein:

the crown member is formed of a fiber reinforced material and the member used in said another outer shell structure portion is formed of a metal, and

the crown member has an equivalent rigidity not more than 0.8 times as high as that of a sole member used in the sole portion, the equivalent rigidity of a member used in each portion defined as a product of a thickness of the relevant member and an elastic modulus of the member in a direction in which a golf ball-striking surface of the face portion is oriented.

14. (Previously presented) The golf club head according to claim 13, wherein the fiber reinforced material used for the crown member is either a reinforced metal (FRM) or a fiber reinforced plastic (FRP).

15. (Previously presented) A golf club head comprising outer shell structure portions including a hosel portion, a face portion, a sole portion, a crown portion, and a side portion; and a joining portion where a crown member used in the crown portion is bonded to a member used in another outer shell structure portion, wherein:

the crown member is composed of a plurality of laminated layers of a fiber reinforced material, of which layers two or more have a fiber orientation angle of 45 to 90 degrees with respect to a direction in which a golf ball-striking surface of the face portion is oriented, and the number of the layers having a fiber orientation angle of 45 to 90 degrees with respect to the direction in which the striking surface is oriented constitutes 50 percent or more of the total number of the laminated layers and a thickness of the crown member is from 0.3 to 2 mm, and the member used in said another outer shell structure portion is formed of a metal.

16. (Previously presented) The golf club head according to claim 15, wherein said crown member has an equivalent rigidity not more than 0.8 times as high as that of a sole member used in said sole portion, the equivalent rigidity of a member used in each portion defined as a product of a thickness of the relevant member and an elastic modulus of the member in the direction in which the golf ball-striking surface of said face portion is oriented.

17. (Previously presented) The golf club head according to claim 15, wherein said crown member is formed of either a fiber reinforced metal (FRM) or a fiber reinforced plastic (FRP).

18. (Previously presented) The golf club head according to claim 15, wherein said two or more layers having a fiber orientation angle of 45 to 90 degrees with respect to a direction in which the striking surface is oriented constitute crossover layers in which reinforcing fibers are slanted from a direction in which the striking surface is oriented to a direction different from one layer to another.

19. (Currently amended) ~~[[A]]~~ The golf club head according to claim 13 ~~comprising outer shell structure portions including a hosel portion, a face portion, a sole portion, a crown portion, and a side portion; and a joining portion where a crown member used in the crown portion is bonded to a member used in another outer shell structure portion, wherein~~~~[[:]]~~ the crown member is composed of a plurality of laminated layers of a fiber reinforced material, of which layers two or more have a fiber orientation angle of 45 to 90 degrees with respect to a direction in which a golf ball-striking surface of the face portion is oriented, and a mass of reinforcing fibers in the layers having a fiber orientation angle of 45 to 90 degrees with respect to ~~[[a]]~~ the direction in which the striking surface is oriented constitutes 50 percent or more of a mass of reinforcing fibers in all the laminated layers and a thickness of the crown member is from 0.3 to 2 mm, and the member used in said another outer shell structure portion is formed of a metal.

20-21. (Cancelled).

22. (Previously presented) The golf club head according to claim 19, wherein said two or more layers having a fiber orientation angle of 45 to 90 degrees with respect to a direction in which the striking surface is oriented constitute crossover layers in which reinforcing fibers are slanted from a direction in which the striking surface is oriented to a direction different from one layer to another.

23. (Previously presented) A golf club head comprising outer shell structure portions including a hosel portion, a face portion, a sole portion, a crown portion, and a side portion; and a joining portion where a crown member used in the crown portion is bonded to a member used in another outer shell structure portion, wherein:

the crown member is composed of a plurality of laminated layers of a fiber reinforced material, of which layers two or more have a fiber orientation angle of 45 to 90 degrees with respect to a direction in which a golf ball-striking surface of the face portion is oriented, and the crown member has an equivalent rigidity not more than 0.8 times as high as that of a sole member used in the sole portion, the equivalent rigidity of a member used in each portion defined as a product of a thickness of the relevant member and an elastic modulus of the member in the direction in which the golf ball-striking surface of the face portion is oriented, and the member used in said another outer shell structure portion is formed of a metal.

24. (Previously presented) A golf club having a golf club head, a golf club shaft, and a grip, wherein:

the golf club head comprises outer shell structure portions including a hosel portion, a face portion, a sole portion, a crown portion, and a side portion; and a joining portion where a crown member used in the crown portion is bonded to a member used in another outer shell structure portion; and

the crown member is composed of a plurality of laminated layers of a fiber reinforced material, of which layers two or more have a fiber orientation angle of 45 to 90 degrees with respect to a direction in which a golf ball-striking surface of the face portion is oriented, and the number of the layers having a fiber orientation angle of 45 to 90 degrees with respect to the direction in which the striking surface is oriented constitutes 50 percent or more of the total number of the laminated layers and a thickness of the crown member is from 0.3 to 2 mm, and the member used in said another outer shell structure portion is formed of a metal.

25. (Currently amended) ~~[[A]]~~ The golf club according to claim 24 ~~having a golf club head, a golf club shaft, and a grip, wherein~~~~[[:]]~~

~~the golf club head comprises outer shell structure portions including a hosel portion, a face portion, a sole portion, a crown portion, and a side portion; and a joining portion where a crown member used in the crown portion is bonded to a member used in another outer shell structure portion; and~~

~~the crown member is composed of a plurality of laminated layers of a fiber reinforced material, of which layers two or more have a fiber orientation angle of 45 to 90 degrees with respect to a direction in which a golf ball striking surface of the face portion is oriented, and the~~ a mass of reinforcing fibers in the layers having a fiber orientation angle of 45 to 90 degrees with respect to the direction in which the striking surface is oriented constitutes 50 percent or more of ~~[[the]]~~ a mass of reinforcing fibers in all the laminated layers ~~and a thickness of the crown member is from 0.3 to 2 mm,~~ and

~~the member used in said another outer shell structure portion is formed of a metal.~~